Muhammad Aswan
Syahputra

FOOD SENSORY AND SENSOMETRICS CONSULTANT

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"… how hard one finds it to learn something is a function of the intrinsic difficulty of the thing, the person's previous experience, preferred modes of thinking, etc., and how learning is approached." - John Fox

Summary

I would like to recognize myself as a Food Data Scientist. I have expertise in Sensory Science with Food Technology background, passion in data analysis, and hobby in R programming and Shiny framework. As I always love Sensory Science, data analysis, and R programming, I then motivated to create of SenseHub: an integrated web application for sensory analyses.

Education

Wageningen University and Research   *Wageningen, The Netherlands*

MASTER IN FOOD TECHNOLOGY   *2016-2018*

- Sensory Science specialization
- Granted with Indonesian Education Scholarship from Indonesia Endowment Fund of Education (LPDP)
- CGPA of 3.45/4.00 (conversion)

Universitas Brawijaya   *Malang, Indonesia*

BACHELOR IN AGRICULTURAL PRODUCT TECHNOLOGY   *2011-2015*

- Food Science and Technology track
- Granted with PPA Scholarship from Ministry of Research, Technology and Higher Education of Indonesia
- CGPA of 3.81/4.00

Research Experience

Consumer Preference and Satisfaction Analysis on Croissant in Malang Area   *Selangor, Malaysia*

KUALA LUMPUR INTERNATIONAL AGRICULTURE, FORESTRY & PLANTATION CONFERENCE (KLIAFP)   *Dec 2018*

- Researchers: Jaya Mahar Maligan, Yuke Pamelasari, Muhammad Aswan Syahputra

SenseHub: an integrated web application for sensory analyses   *Malang, Indonesia*

INTERNATIONAL COFERENCE ON GREEN AGROINDUSTRY AND BIOECONOMIC (ICGAB)   *Sep 2018*

- Researchers: Muhammad Aswan Syahputra, Kiki Fibrianto, Eka Shinta Wulandari

Observation of Chewing Activity using Photoplethysmography (PPG) Method   *Wageningen, The Netherlands*

MASTER THESIS AT WAGENINGEN UNIVERSITY AND RESEARCH   *Apr 2018*

- Researchers: Muhammad Aswan Syahputra, Monica Mars, Christos Diou

Exploratory Study: the Influence of Instant Iced-Coffee Drinking Methods to Consumers' Multisensory Perceptions Utilizing Rate-all-that-Apply (RATA) Method   *Malang, Indonesia*

BACHELOR THESIS AT UNIVERSITAS BRAWIJAYA   *Aug 2015*

- Researchers: Muhammad Aswan Syahputra, Kiki Fibrianto, Indria Purwantiningrum

Projects

2019	Development of SenseQuest: a web application for sensory questionnaire
2019	Development of sensehubr: a tidy approach for sensory analyses (R package)
2019	Development of SenseXtra: a web application for complementary sensory data preparation
2019	Development of SenseHub: an integrated web application for sensory analyses
2018	Development of Aquastats: a web application for groundwater data analyses
2018	Development of Thermostats: a web application for water daya analyses
2018	Development of MCDM: a web application for conducting Multiple Criteria Decision Making

Work Experience

Sensolution.ID
CEO and Founder
Kota Cimahi, Indonesia
2018 – Present

Sensory and Applied Food Research Group at Universitas Brawijaya
Intern
Malang, Indonesia
Apr 2018 – Jul 2018

Association of Indonesian Education Scholarship Awardee in Wageningen University and Research
Coordinator
Wageningen, The Netherlands
Sep 2016 – Sep 2017

Laboratory of Sensory Analysis, Faculty of Agricultural Technology, Universitas Brawijaya
Laboratory Practice Assistant
Malang, Indonesia
Jul 2015 – Aug 2015

Indonesian Coffee and Cocoa Research Institute (ICCRI)
Intern
Jember, Indonesia
Dec 2013 – Feb 2014

Laboratory of Post-harvest Processing Technology, Faculty of Agricultural Technology, Universitas Brawijaya
Laboratory Practice Assistant
Malang, Indonesia
2013

Himpunan Mahasiswa Teknologi Hasil Pertanian (HIMALOGISTA), Universitas Brawijaya
Student Tutor
Malang, Indonesia
2012 – 2014

Laboratory of Chemistry, Faculty of Agricultural Technology, Universitas Brawijaya
Laboratory Practice Assistant
Malang, Indonesia
2012

External Activity

2016 – Present — Indonesian R User Community (indo-R) — *Founder*

2015 – Present — Food Sensory Research Group — *Member*

2016 – 2017 Angklung Wageningen from Indonesia Students Association of Wageningen (PPIW) — *Head of Rehearsal Division*

2016 – 2017 Saman Dance 'Ratoeh Duek' from Indonesia Students Association of Wageningen (PPIW) — *Member*

Skills

Language Bahasa Indonesia, English

Computer GNU/Linux, R programming, Jamovi, SPSS, Minitab, DesignExpert, EDF Browser, BORIS, LibreOffice, Inkscape

Sensory package SenseHub, EyeQuestion, SensoMineR, sensR